**Jieun Son**

### Front-End Engineer

##### A passionate developer who brings creative ideas from areas, including networking & data storage,, and progressive web applications with a strong understanding of the entire web development process and adaptable to any work environment.

jieunson96.github.io/profile  linkedin.com/in/jieun-son-b55789144 

github.com/JieunSon96 



# WORK EXPERIENCE

## Front End Engineer

### QOMPLX, Inc

*01/2019 - Present Reston, VA*

Develop user interface and functionality for QOMPLX OS product to support core user interactions and account management.

Work collaboratively to develop web applications and ensure consistent user experience across various products.

Migrated application styling framework from Vue-material to Vuetify which reduced the build size by ~20% .

Optimized the application for speed, scalability, and added PWA features which ensured page load times less than ~3 seconds.

Fixed bugs, memory leaks, and cache issues with periodic code reviews among peers following the agile methodology which resulted in lowering support tickets from customers by

~90%.

## Front End Engineer

### Pépulab

*09/2017 – 09/2018 Cincinnati, OH*

*A start-up funded by ~100 companies with a mission to develop a platform that connects hourly job seekers and hiring managers.*

Translated UI/UX design wireframes to visual elements of the application.

Refactored source code down to 35% of its original size for an entire application.

Utilized RxJS library to load data asynchronously and perform data operations on the fly which boosted application performance by ~15%.

Optimized the application for speed and scalability with page load times less than ~2 seconds.

Fixed bugs and memory leaks with periodic code reviews among peers following the agile methodology which resulted in ~55% boost in performance on mobile devices.

# EDUCATION

## Master's degree in Information Technology

### University of Cincinnati

*2016 -2019 GPA 3.93/4.00*

## Bachelor’s degree inElectronics and Communication

### Jawaharlal Nehru Technological University

*2012 -2016 GPA 3.81/4.00*

# HONOR AWARDS

##### GraduateIncentiveAward

*University of Cincinnati*

Received merit bonus of 50% tuition-fee waiver for achieving excellence in academics.

##### Full Stack Web Developer

*Lynda.com*

Completed 16 courses in this learning path to achieve this award.

# TECHNICAL SKILLS

#### Technologies

HTML, CSS, JavaScript, TypeScript, PHP, Python, NodeJS, WordPress

#### Frameworks/ Libraries

Pug, SASS, jQuery, AJAX, RxJS, Bootstrap, Zurb Foundation, Angular, React, GraphQL, Apollo, Redux, Vue, VueX, Vuetify, NextJS, Express, Ionic, Electron, MJML, Chai, Jest, TestCafe

#### Tools

Adobe Creative Suite, Visual Studio Code, Git, Gulp, Grunt, JIRA, Atlassian

Suite, Jenkins, Docker, Firebase

#### Database

MySQL, MongoDB, Cloud Firestore

# SOFT SKILLS



**PROJECTS**

Food e-Commerce Store *iamsainikhil.github.io/tsf*

Built custom store to sell food products in 4 countries that include United States, United Kingdom, Australia, and India.

Secured application with customers required to verify their email address after signup which reduced fraudulent accounts by 99%.

Recorded 50 customerregistrationson the test application launch day.

Developed this store using HTML, CSS, JavaScript, Angular, and Firebase.

Social Meetup *iamsainikhil.github.io/social-meetup*

Developed a web application to create an Interactive platform between organizations and volunteers.

More than 30 volunteers registered for over 40 events created by 15 organizations spread across 50 locations.

Passed security assessment tests with 100% efficiency against SQL Injection & Cross-Site Scripting attacks.

Won best project award out of 10 projects in Human-Computer Interaction category at the University of Cincinnati.

Developed this project using HTML, CSS, JavaScript, PHP, and MySQL.

# VOLUNTEER EXPERIENCE

## Member

### Bachpan Bachao

*08/2012 - 01/2016 Hyderabad, India*

*A student Non-governmental organization(NGO) with an aim of educating poor children in government schools and improvising them.*

Raised $1000 funds which were used for the welfare of the poor children.

Conducted fundraising event which got an immense response from over ~40,000 people.

Demonstrated the importance of education for the poor children in a conference with ~200 attendees.

# CERTIFICATES

##### HTML/CSS, Ranking In The TOP 10%

*TestDome*

##### JavaScript*,* Ranking In The TOP 10%

*TestDome*